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IN THE CLAIMS:

1 1. (Original) An automatic door control apparatus which comprises:

2 indoor and outdoor surveillance sensors disposed in indoor and outdoor areas with
3 respect to a door for detecting sensing waves emitted from an object, the indoor surveillance
4 sensor including a near detection area near to the door and a distant detection area distant from
5 the door;

6 an open/close control unit operable, in response to detection made by the indoor
7 and outdoor surveillance sensors, to control selective opening and closure of the door, said
8 open/closure control unit comprising;

9 a closure maintaining device for maintaining the door in a closed position when
10 the indoor surveillance sensor detects an object within the near detection area while the outdoor
11 surveillance sensor is detecting such object during the closure of the door; and

12 an opening activating device for opening the door when the indoor surveillance
13 sensor detects an object within the distant detection area even while the outdoor surveillance
14 sensor is detecting a different object during the closure of the door.

1 2. (Original) The automatic door control apparatus as claimed in Claim 1, wherein
2 the outdoor surveillance sensor has a near detection area near to the door and a distant detection
3 area distant from the door and wherein the closure maintaining device is operable to keep the
4 door in the closed position when the outdoor surveillance sensor is detecting an object within the
5 distant detection area thereof.

1 3. (Currently Amended) The automatic door control apparatus as claimed in Claim
2 1, wherein each of the indoor and outdoor surveillance sensors is of a ~~reflector~~ reflection type
3 and wherein the sensing waves are those reflected from an object.

1 4. (New) A system for automatically positioning a door in one of an open and
2 closed state, comprising:

3 a door engine unit for providing movement to a door;

4 a first sensor unit mounted to monitor an interior first side of the door, including a
5 near detection area to the door and a distant detection area away from the door, the first sensor
6 unit enabled to provide a near detection signal and a distant detection signal; and

7 a second sensor unit mounted to monitor an exterior second side of the door, the
8 second sensor unit enabled to provide a detection signal;

9 a signal processing unit for receiving signals from the first sensor unit and the
10 second sensor unit, for processing the signals and providing corresponding signals to the door
11 engine unit, the signal processing unit providing a priority open signal to the door engine unit
12 when receiving a distant detection signal from the first sensor unit and providing a close signal
13 when the first sensor unit provides a near detection signal and the second sensor unit provides a
14 detection signal.

1 5. (New) The system of Claim 4 further including means for providing an override
2 signal to open the door.

1 6. (New) The system of Claim 4 wherein the exterior second sensor unit monitors a
2 near detection area to the door and a distant detection area away from the door.

1 7. (New) The system of Claim 6 wherein each of the detection areas is divided into
2 an array of individual spaced sub-areas.

1 8. (New) The system of Claim 6 wherein the signal processing unit provides a close
2 signal to the door engine unit when the exterior second sensor unit provides a near detection
3 signal and the first sensor unit provides a near detection signal.

1 9. (New) A system for automatically positioning a door in one of an open and
2 closed state, comprising:

3 a door engine unit for providing movement to a door;

4 a first sensor unit mounted to monitor an interior first side of the door, including a
5 near detection area to the door and a distant detection area away from the door, the first sensor
6 unit enabled to provide a near detection signal and a distant detection signal, wherein each of the
7 detection areas is divided into a two-dimensional array of individual spaced sub-areas;

8 a second sensor unit mounted to monitor an exterior second side of the door, the
9 second sensor unit enabled to provide a near detection signal and a distant detection signal,
10 wherein each of the detection areas is divided into a two-dimensional array of individual spaced
11 sub-areas; and

12 a signal processing unit for receiving signals from the first sensor unit and the
13 second sensor unit, for processing the signals and providing corresponding signals to the door
14 engine unit, the signal processing unit providing a priority open signal to the door engine unit
15 when receiving a distant detection signal from the first sensor unit and providing a close signal
16 when the first sensor unit provides a near detection signal and the second sensor unit provides a
17 near detection signal.